

M12 male 0° B-cod. with cable shielded

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 0.5m

PROFIBUS

Male straight

M12, 2-pole

B-coded

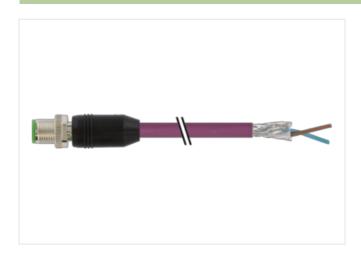
shielded

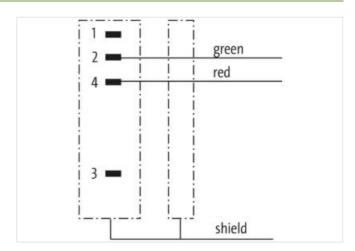
Plastic housings with good resistance against chemicals and oils.

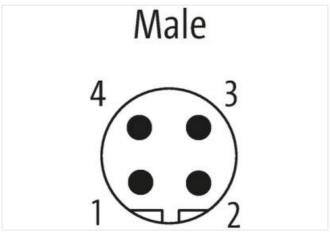
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

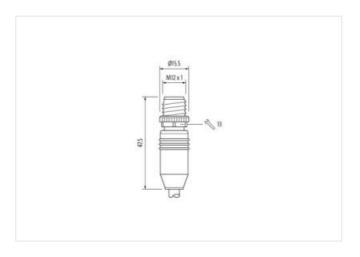
Link to Product

Illustration









Product may differ from Image













Cable length

0,5 m

Side 1



stay connected

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879198509
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	•••
	20 mm
Stripping length (jacket) Mounting set	M12 x 1
	10112 A 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality



stay connected

Strandling 2 wires twisted	Conformity	
Cabbe Identification 840 Jacket Color violet Yope of Certificate CLPIus Amount stranding 1 Stranding 2 wires twisted Cabbe shielding (coverage) 70 % Earding memorit red, green No. of bending cycles (C-track) 5 Mio. @ 25 °C Cabbe weight 82,5 g/m Material jacket TPE-V Freedom from ingredients (spaket) 7,9 mm Tolerance outer diameter (spaket) 7,9 mm Tolerance outer diameter (spaket) 7,9 mm Color (inner jacket) white Amount wires 2 Quiter diameter (betrance core insulation 2,5 mm Outer diameter (betrance core insulation 2,5 % Conductor (inner jacket) 2,4 AWG Material (wire) 19 Diameter of single wires 2,4 AWG Material (wire)	Product standard	DIN EN 61076-2-101 (M12)
Jacket Color Type of Cerfficate culffus Amount stranding 1 Stranding 2 wires twisted Cabbe shielding (type) Cabbe shielding (type) Cabbe shielding (coverage) 77 % Banding Fiscoe, Foll wire arrangement Fred, green No. of bending cycles (C-track) 5 Min. @ 25 °C Cabbe weight Makeral jacket 17E-V Freadom from ingredients (jacket) 1 deal free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) 5 % Materal inner jacket 17E-V Tolerance outer diameter (sheath) 5 % Materal inner jacket 17E-V Outer diameter (sheath) 5 % Materal inner jacket 17E-V Outer diameter insulation 0.125 5 mm Outer diameter insulation 0.25 5 mm Outer diameter oberance core insulation ingredient freeness wire insulation 1 5 % Materal inner jacket 1	Installation Cable	
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AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Ac withstand voltage power (wire - shield) Ac withstand voltage power (wire -		250 V
Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 1 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter		30000 pF/km
(wire - jacket) AC withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) Min. operating temperature (static) AC oc Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) To oc Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	AC withstand voltage power (wire - shield)	1 kV @ 60 s
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	1 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	AC withstand voltage power (wire - wire)	1 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 12 x Outer diameter	Bending radius (fixed)	
	Bending radius (dynamic)	12 x Outer diameter